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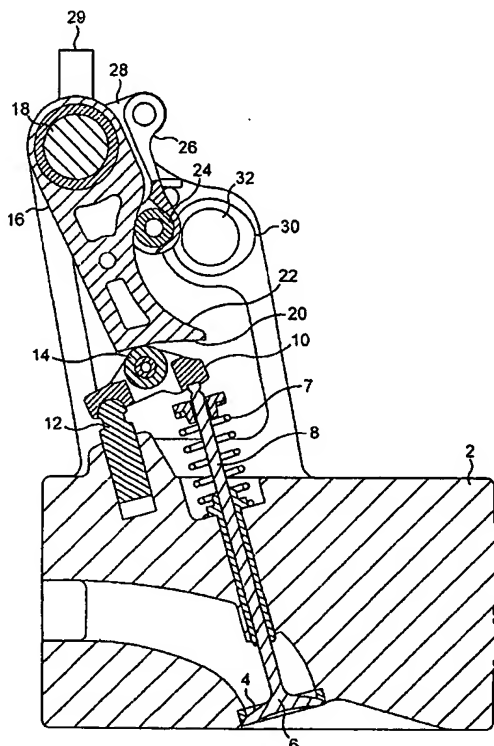
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(54) Title: ENGINE VALVEGEAR



(57) Abstract: Valvegear for an internal combustion engine of reciprocating piston type includes a valve member (6), which cooperates with a valve seat (4) and is biased into the closed position by a spring (7). The valve member (6) includes a valve stem (8) in contact with a pivotally mounted rocker arm (10) which carries a first roller (14) in rolling contact with a first engagement surface (20) on a rocking lever (16), which is mounted to pivot about a rocking shaft (18). The rocking lever (16) has a second engagement surface (22) in rolling contact with a second roller (24) carried by an intermediate lever (26). The intermediate lever (26) carries a third roller, which may be the same as the roller (24) or a different roller, in rolling engagement with a cam (30) carried by a camshaft (32). The second engagement surface (22) is of generally arcuate section and the distance between it and the axis of the camshaft increases in one direction of the arcuate length of the second engagement surface. A gap is thus defined between the second engagement surface (22) and the cam (30) in which the third roller (24) is received. The intermediate lever (26) is connected to actuating means (29) arranged to move it selectively in a direction transversely of the width of the gap.

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